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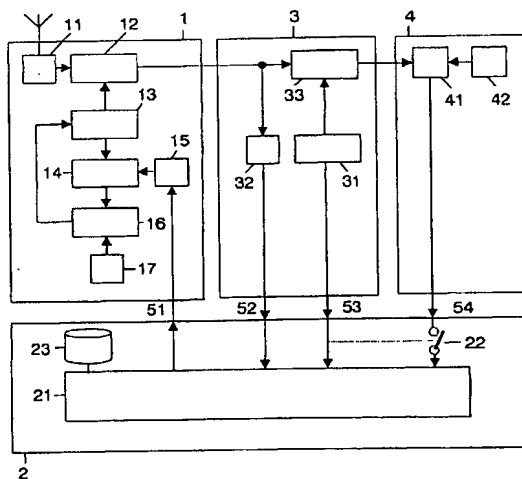
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(54) Title: TELEVISION SYSTEM WITH CONTROLLED TUNING



(57) Abstract: Television systems comprising tuners (1), controllers (2) for controlling tuners (1), and stages (3) for receiving tuned signals from tuners (1) and for supplying control signals to controllers (2), use time-consuming automatic fine tuning signals while high speed tuning. By using lock signals (53) from phase-locked-loops (31) in stages (3) as control signals, an indication whether a channel is active or not can now be got much quicker due to lock signals being much faster available than automatic fine tuning signals. By using synchronization signals (54) from synchronization generators (4) as further control signals, a further indication is got. In a fast tuning mode, frequencies nearby active channels are detected, and in a fine tuning mode, channel frequencies are identified. According to the basic idea, lock signals originating from phase-locked-loops (31) in stages (3) can give first indications whether a channel is active or not, preferably and further advantageously in combination with second indications based upon synchronization signals (54).

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